

NEW PRODUCT  
CEBIT '02

aethra



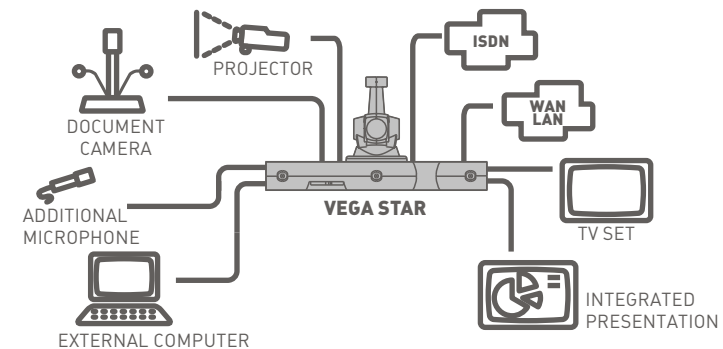
## VEGA STAR SET-TOP

Ideal for medium videoconference meetings, Vega Star is a light-weight, easily portable system which runs over ISDN and IP networks, conforming to H.320/H.323 standards.

The integrated MCU provides multiple audio and video connections and supports Continuous Presence, allowing users to see simultaneously the participants at up to 5 sites (3 participants at 256kbps or 5 participants at 128kbps). This feature and the system's high-quality audio coding ensure natural and free-flowing conversation.

The high-performance camera supports the Voice Tracking feature which allows Vega Star to automatically track and frame the speaker without any camera management problems. The camera also has 9 preset positions, zoom, autofocus and pan&tilt.

Participants can also share PowerPoint slides and other applications even without a PC, further facilitating real-time remote collaboration.



## TECHNICAL SPECIFICATIONS

### STANDARDS SUPPORTED

- ITU-T H.320: ISDN, leased networks
- ITU-T H.323: IP networks
- Video: H.261, H.263+(I,J,T,F)
- Audio: G.711, G.722, G.728, G.723
- Data: T.120
- MCU compatibility: H.243

### FEATURES

#### Rate

- Bit Rate: 56÷512 kbps over ISDN  
64÷768 kbps over IP  
56÷768 kbps over V.35

### VIDEO

#### FRAME RATE:

- Video Resolution: 30 fps  
4CIF 704x576 pixels  
FCIF 352x288 pixels  
QCIF 176x144 pixels  
4CIF 704x576 pixels for still images ( H261 Annex D)

- Camera remote control: H.281

### AUDIO CODING:

Audio	Band	Bit rate
G.711	300÷3400 Hz	56 kbps
G.722	50÷7000 Hz	48/56 kbps
G.728	50÷3400 Hz	16 kbps
G.723.1	300÷3400 Hz	5.3/6.3 kbps

- Echo Cancellation, Full-Duplex
- Automatic Gain Control (AGC) ±12 dB
- Echo Return Loss Enhancement(ERLE): ±30 dB
- Automatic Noise Suppression

### AUDIO TRACKING

- Tracking: Enhanced Voice Tracking
- Coverage: max. 7 m, recommended 4 m
- Location: ± 60° horizontal  
± 25° vertical

### DIGITAL MICROPHONE POD:

- Coverage: 360°
- Response: 50,7000 Hz
- Microphones: 3
- Mute Button
- Up to 2 pods in a daisy-chain configuration

### CAMERA

- Resolution: 752x582 pixels
- Preset: 9 presets

### MONITOR

- Format: PAL or NTSC
- Single or Dual Monitor
- PIP function

### NETWORK INTERFACES

#### Basic Version:

- 1 ISDN BRI 1 RJ-45
- 2 Ethernet 10/100BASE-T with integrated Switch Ethernet 2 RJ-45

#### Optional:

- 3 BRI ISDN with integrated channel aggregator 3 RJ-45  
or V.35/RS366/RS449/RS366 44 P 25 Hi/Den  
or G.703 2 micro BNC

### AUDIO/VIDEO INTERFACES

#### TV Video Outputs:

- Monitor 1: Composite (RCA)  
Y/C (Mini-DIN)
- Monitor 2: Y/C (Mini-DIN) with monitor detect
- Aux1 (VCR): Composite (RCA)

#### TV VIDEO INPUTS:

- Main Camera: Y/C integrated, inaccessible
- Aux1 (VCR): Composite (RCA)
- Aux2(Doc.Cam.): Y/C (Mini-DIN)
- Aux3: Y/C (Mini-DIN)
- Aux4: Composite (RCA)

#### AUDIO INPUTS:

- 2x microphone pods 360°: RJ-11 6/6
- Aux. Mic.: Mic. (Stereo Jack)
- Audio In: Line (RCA)
- Aux1 (VCR): Line (2RCA) (Stereo)

#### AUDIO OUTPUTS:

- Monitor1: Line (2 RCA) (Stereo)

- Aux1 (VCR): 8 Ohm 220mW (2 RCA) (Stereo)

### AUXILIARY INTERFACES

- Serial Data RS232: 8-pin Mini-DIN
- Serial Diagnostics RS232: 8-pin Mini-DIN
- Serial VISCA RS232: 8-pin Mini-DIN

### USER INTERFACE

- On-screen graphic user interface
- Infrared remote control for full function control
- Contextual Help
- Diagnostics and Management Functions
- Call Progress Monitoring

### MULTIPOINT FUNCTION

- Integrated MCU H.320 Function (MP Version)
  - 5 participants @ 128 kbps
  - 3 participants @ 256 kbps
- Compliant with the standard H.320
- Compatible with analogue and mobile networks
- Video Coding: H.261, H.263
- Audio Coding: G.711, G.722, G.728
- Chair Control: H.243

- **Continuous Presence quad split**

### WEB MANAGEMENT

- All the configuration, call, diagnostics and management functions are accessible using the following Web Browsers: Microsoft® Internet Explorer™, Netscape Navigator™

### REMOTE DIAGNOSTICS AND MANAGEMENT

	Local	Web Browser	SNMP
Self Test	Yes	Yes	Yes
Diagnostics	Yes	Yes	Yes
Configuration	Yes	Yes	Yes
Place Call	Yes	Yes	
Error Tracking	Yes	Yes	Yes

### INTEGRATED PRESENTATION

- Supported Applications: Microsoft® PowerPoint®
- Multimedia Support: T.120

**Some versions support a separate camera**



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Code 071071043GB Rev.0 (02/02)